

California Environmental Protection Agency



E-Cert Business Rules

Version 1.0

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Introduction

This document provides the business rules for the California Air Resources Board Light Duty Vehicle Electronic Certification (E-Cert) system.

Registration

1. Manufacturers

Manufacturers must register with California Air Resources Board's (CARB) certification staff to certify vehicles.

- Once registered, a CARB manufacturer code will be given. This code is used to certify applications.
- A manufacturer cannot register users or certify applications without a CARB manufacturer code.

2. Users

Users must register with CARB's certification staff to use the E-Cert Application Loader.

- Contact your certification representative to register for an account.
 - Once registered, a password will be e-mailed to you.
- Users who are the primary contacts will receive updates regarding application submissions. All other users will not receive application submissions updates.
- E-Cert has two types of accounts: **"CERT"** and **"EO"**.
 - **CERT**: These users can submit applications to E-Cert. Primary **"CERT"** users will also receive updates regarding ALL application submissions.
 - **EO**: This user will receive the actual signed Executive Order. This user cannot submit applications to E-Cert.
- A user can have an activity type of both **"CERT"** and **"EO"**.
- A user can only submit applications for the contact type and activity type which they are registered for.
- Manufacturers may have multiple user accounts.
- Manufacturers can have multiple **"CERT"** users for a given contact type and activity type.
- Manufacturers can have multiple primary **"CERT"** users.
- Manufacturers can have ONLY ONE **"EO"** user for a given contact type and activity type.

XML Application Rules

1. The first submission of any application must have an application type of **“NEW”**.
 - E-Cert only accepts one **“NEW”** application.
 - i. An email confirming a successful load of the **“NEW”** application is sent to **“CERT”** users.
 - ii. Any subsequent **“NEW”** applications for the same test group will be rejected.
2. Subsequent application submissions must include one of the following application types:
 - **Correction (COR)**: Pertains to applications with corrections to the initial application submitted.
 - **Running Change (RC)**: Production changes (both emission and non-emission related) to the original certified vehicle/engine configurations.
 - **Field Fix (FF)**: A way to modify/change in-use certified vehicle/engine configurations (both emission and non-emission related).
3. Only one test group per XML file/application.

E-Cert Application Loader Rules

1. File Naming Convention

The system will only accept files which follow the naming convention described below:

*CARBMFRCODE*_LDV_*TESTGROUP*.xml

i. *CARBMFRCODE*

- This is the manufacturer code that is assigned to each manufacturer by CARB's certification staff.

ii. _LDV_

- This will remain the same for each file.

iii. *TESTGROUP*

- This is the name of the test group for the particular application.

The only portions of the file name that change are the ones identified by *red italics*. An example file name is ABCD_LDV_FABXVD9.3CDZ.xml

2. System

- An XML file must be a valid XML file with no syntactical errors.
- An XML file must successfully validate against the most recent XML schema for the vehicle category.

3. Users

- The user must be registered prior to submitting an application.
- A user can only submit applications for the manufacturer and vehicle categories which they are registered for.